

# Material Safety Data Sheet

Material Name: Hylatopic Plus™ Cream

## \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

### Manufacturer Information

PreCision Dermatology, Inc.  
900 Highland Corporate Drive  
Cumberland, RI 02864  
Phone: Emergency Number: 1-888-713-8154

## \*\*\* Section 2 - Hazards Identification \*\*\*

### Emergency Overview

The product may cause allergic or sensitivity reaction for individuals sensitive to one or more of the components.

### Potential Health Effects: Eyes

May cause irritation and stinging or burning.

### Potential Health Effects: Skin

Allergic or sensitivity reactions are possible, causing irritation or redness.

### Potential Health Effects: Ingestion

Not a likely route of entry. If swallowed may cause gastrointestinal discomfort.

### Potential Health Effects: Inhalation

May cause respiratory irritation in some sensitive individuals.

**HMIS Ratings: Health: 0 Fire: 1 HMIS Reactivity 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

## \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component
7732-18-5	Water
56-81-5	Glycerin
29806-73-3	Hexadecanoic acid, 2-ethylhexyl ester
67762-27-0	Alcohols, C16-18
57-55-6	1,2-Propylene glycol
2197-63-9	1-Hexadecanol, hydrogen phosphate
394236-97-6	Fats and Glyceridic oils, Theobroma grandiflorum
Not Available	1, 3-bis (N-2-(hydroxyethyl) palmitoylamino) -2- hydroxy propane
8009-03-8	Petrolatum
Not Available	Dimethicone
50643-20-4	Polyethylene glycol hexadecyl ether phosphate
9005-00-9	Polyoxyethylene monooctadecyl ether
7695-91-2	2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-, acetate
99-76-3	Methyl p-hydroxybenzoate
94-13-3	Propyl-p-hydroxybenzoate
9067-32-7	Hyaluronic acid, sodium salt
6381-92-6	Ethylenediaminetetraacetic acid, disodium, dihydrate
1310-73-2	Sodium hydroxide

## \*\*\* Section 4 - First Aid Measures \*\*\*

### First Aid: Eyes

Remove contact lenses. Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.

### First Aid: Skin

Immediately take off all contaminated clothing. Physically remove as much of product as possible and thoroughly wash the area with soap and water. If irritation persists, get medical attention.

### First Aid: Ingestion

Do not induce vomiting unless directed to do so by medical personnel.

### First Aid: Inhalation

None necessary.

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## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

See Section 9 for Flammability Properties.  
None identified.

### Hazardous Combustion Products

Burning may produce toxic gases.

### Extinguishing Media

Use any media suitable for the surrounding fires.

### Fire Fighting Equipment/Instructions

Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

**NFPA Ratings: Health: 0 Fire: 1 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

Contain the discharged material.

### Clean-Up Procedures

Scoop material and place in a suitable container for disposal. Use soap and water to clean spill area.

### Evacuation Procedures

None necessary.

### Special Procedures

Wear appropriate personal protective equipment.

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

Avoid getting this material into contact with your eyes. Keep out of reach of children. Wash thoroughly after handling.

### Storage Procedures

Store between 59°F-86°F (15°C-30°C).

## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### A: Component Exposure Limits

#### Glycerin (56-81-5)

ACGIH: 10 mg/m<sup>3</sup> TWA (mist)

OSHA: 15 mg/m<sup>3</sup> TWA (mist, total particulate); 5 mg/m<sup>3</sup> TWA (mist, respirable fraction)

#### Sodium hydroxide (1310-73-2)

ACGIH: 2 mg/m<sup>3</sup> Ceiling

OSHA: 2 mg/m<sup>3</sup> TWA

NIOSH: 2 mg/m<sup>3</sup> Ceiling

### Engineering Controls

Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment: Eyes/Face

Wear safety glasses; chemical goggles (if splashing is possible).

#### Personal Protective Equipment: Skin

Wear chemical resistant gloves and other protective clothing (lab coat, apron, etc.) when cleaning a large spill.

#### Personal Protective Equipment: Respiratory

Respiratory protection; not normally required for ambient air concentrations not exceeding the Occupational Exposure Limit.

#### Personal Protective Equipment: General

None.

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## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	White to Off-White	<b>Odor:</b>	ND
<b>Physical State:</b>	Cream	<b>pH:</b>	4.0-7.5
<b>Vapor Pressure:</b>	ND	<b>Vapor Density:</b>	ND
<b>Boiling Point:</b>	N/A	<b>Melting Point:</b>	N/A
<b>Solubility (H2O):</b>	ND	<b>Specific Gravity:</b>	ND
<b>Evaporation Rate:</b>	ND	<b>VOC:</b>	ND
<b>Octanol/H2O Coeff.:</b>	ND	<b>Flash Point:</b>	ND
<b>Flash Point Method:</b>	ND	<b>Upper Flammability Limit (UFL):</b>	ND
<b>Lower Flammability Limit (LFL):</b>	ND	<b>Burning Rate:</b>	ND
<b>Auto Ignition:</b>	ND		

## \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

Stable under normal conditions.

### Chemical Stability: Conditions to Avoid

Excessive heat.

### Incompatibility

None identified.

### Hazardous Decomposition

Burning may produce toxic gases.

### Possibility of Hazardous Reactions

None identified.

## \*\*\* Section 11 - Toxicological Information \*\*\*

### Acute Dose Effects

#### A: General Product Information

None identified.

#### B: Component Analysis - LD50/LC50

##### Water (7732-18-5)

Oral LD50 Rat >90 mL/kg

##### Glycerin (56-81-5)

Oral LD50 Rat 12600 mg/kg; Dermal LD50 Rat >21900 mg/kg

##### Hexadecanoic acid, 2-ethylhexyl ester (29806-73-3)

Oral LD50 Rat >5 g/kg; Dermal LD50 Rabbit >5 g/kg

##### Alcohols, C16-18 (67762-27-0)

Oral LD50 Rat >10000 mg/kg; Dermal LD50 Rabbit >8000 mg/kg

##### 1,2-Propylene glycol (57-55-6)

Oral LD50 Rat 20000 mg/kg; Dermal LD50 Rabbit 20800 mg/kg

##### Petrolatum (8009-03-8)

Dermal LD50 Rabbit 3600 mg/kg

##### Polyoxyethylene monoctadecyl ether (9005-00-9)

Oral LD50 Rat 2900 mg/kg

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**Methyl p-hydroxybenzoate (99-76-3)**

Oral LD50 Rat 2100 mg/kg

**Propyl-p-hydroxybenzoate (94-13-3)**

Oral LD50 Mouse 6332 mg/kg

**Sodium hydroxide (1310-73-2)**

Dermal LD50 Rabbit 1350 mg/kg

**Hyaluronic acid, sodium salt (9067-32-7)**

Oral LD50 Rat >800 mg/kg

## Carcinogenicity

### Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

* * * Section 12 - Ecological Information * * *
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## Ecotoxicity

### A: General Product Information

No data available for this product.

### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

**Glycerin (56-81-5)**

**Test & Species**

	Conditions
96 Hr LC50 Oncorhynchus mykiss	51 - 57 mL/L [static]
24 Hr EC50 Daphnia magna	>500 mg/L

**Alcohols, C16-18 (67762-27-0)**

**Test & Species**

	Conditions
48 Hr EC50 Daphnia magna	1666 mg/L

**1,2-Propylene glycol (57-55-6)**

**Test & Species**

	Conditions
96 Hr LC50 Oncorhynchus mykiss	51600 mg/L [static]
96 Hr LC50 Oncorhynchus mykiss	41 - 47 mL/L [static]
96 Hr LC50 Pimephales promelas	51400 mg/L [static]
96 Hr LC50 Pimephales promelas	710 mg/L
96 Hr EC50 Pseudokirchneriella subcapitata	19000 mg/L
24 Hr EC50 Daphnia magna	>10000 mg/L
48 Hr EC50 Daphnia magna	>1000 mg/L [Static]

**Sodium hydroxide (1310-73-2)**

**Test & Species**

	Conditions
96 Hr LC50 Oncorhynchus mykiss	45.4 mg/L [static]

* * * Section 13 - Disposal Considerations * * *
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## US EPA Waste Number & Descriptions

### A: General Product Information

No information available for the product.

### B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

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## Disposal Instructions

All wastes must be handled in accordance with local, state and federal regulations.  
See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

### \*\*\* Section 14 - Transportation Information \*\*\*

## US DOT Information

Finished packaged product transported by ground (DOT): Non-hazardous

Finished packaged product transported by vessel (IMDG): Non-hazardous

Finished packaged product transported by air (IATA): Non-hazardous

### \*\*\* Section 15 - Regulatory Information \*\*\*

## US Federal Regulations

### Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

#### Sodium hydroxide (1310-73-2)

CERCLA: 1000 lb final RQ; 454 kg final RQ

## State Regulations

### Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Glycerin	56-81-5	No	Yes	Yes	Yes	Yes	Yes
1,2-Propylene glycol	57-55-6	No	No	Yes	Yes	Yes	Yes
Sodium hydroxide	1310-73-2	Yes	Yes	Yes	Yes	Yes	Yes

### Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
1,2-Propylene glycol	57-55-6	1 %

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## Additional Regulatory Information

### Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Water	7732-18-5	Yes	DSL	EINECS
Glycerin	56-81-5	Yes	DSL	EINECS
Hexadecanoic acid, 2-ethylhexyl ester	29806-73-3	Yes	DSL	EINECS
Alcohols, C16-18	67762-27-0	Yes	DSL	EINECS
1,2-Propylene glycol	57-55-6	Yes	DSL	EINECS
1-Hexadecanol, hydrogen phosphate	2197-63-9	Yes	NDSL	EINECS
Fats and Glyceridic oils, Theobroma grandiflorum	394236-97-6	No	No	No
Petrolatum	8009-03-8	Yes	DSL	EINECS
Polyethylene glycol hexadecyl ether phosphate	50643-20-4	No	No	No
Polyoxyethylene monoctadecyl ether	9005-00-9	Yes	DSL	No
2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridecyl)-, acetate	7695-91-2	Yes	DSL	EINECS
Methyl p-hydroxybenzoate	99-76-3	Yes	DSL	EINECS
Propyl-p-hydroxybenzoate	94-13-3	Yes	DSL	EINECS
Ethylenediaminetetraacetic acid, disodium, dihydrate	6381-92-6	No	DSL	No
Sodium hydroxide	1310-73-2	Yes	DSL	EINECS
Hyaluronic acid, sodium salt	9067-32-7	No	DSL	No

### \* \* \* Section 16 - Other Information \* \* \*

#### Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

#### Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry. CAN = Canada; EEC = European Economic Community.